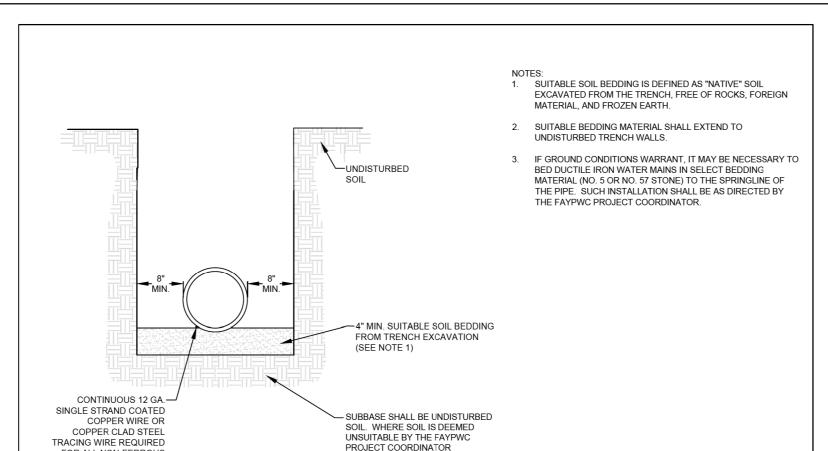


UTILITY CONSTRUCTION

NOTE: ANY REFERENCE TO FAYPWC PROJECT COORDINATOR, PWC COORDINATOR OR FAYPWC (FAYETTEVILLE PUBLIC WORKS COMMISSION) SHALL BE INTERPRETTED AS A REFERENCE TO THE ENGINEER.



AUTHORIZED AREA SHALL BE

FAYETTEVILLE

PUBLIC WORKS COMMISSION

FAYETTEVILLE, N.C.

WATER RESOURCES

UNDERCUT AND BACKELLED WITH

SELECT BEDDING MATERIAL (SEE

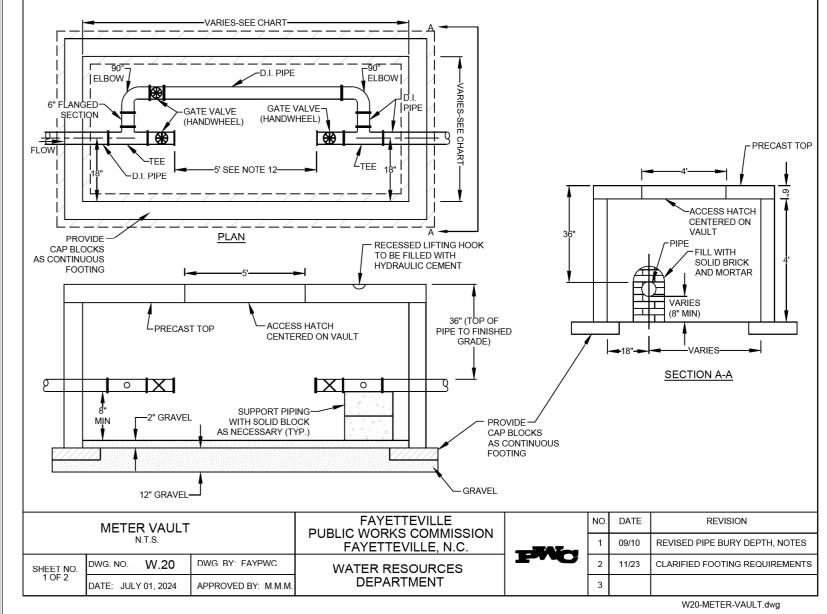
NO. DATE

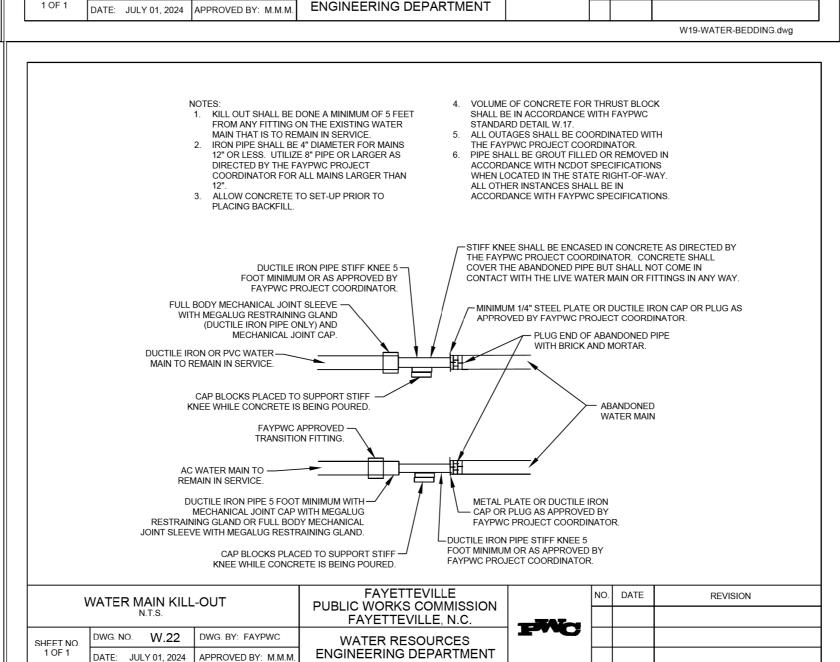
REVISION

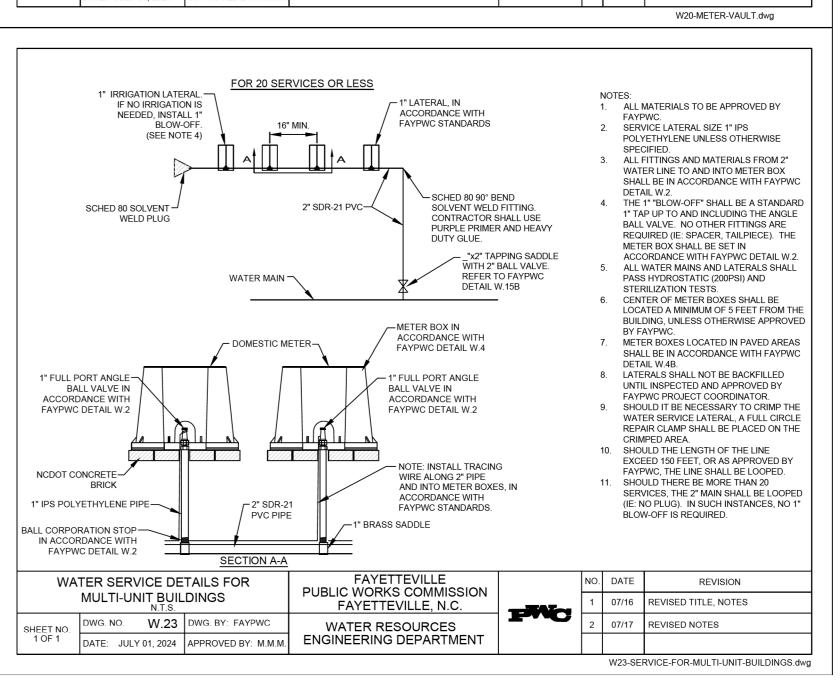
EVISED NOTE RE: TRACER WIRE

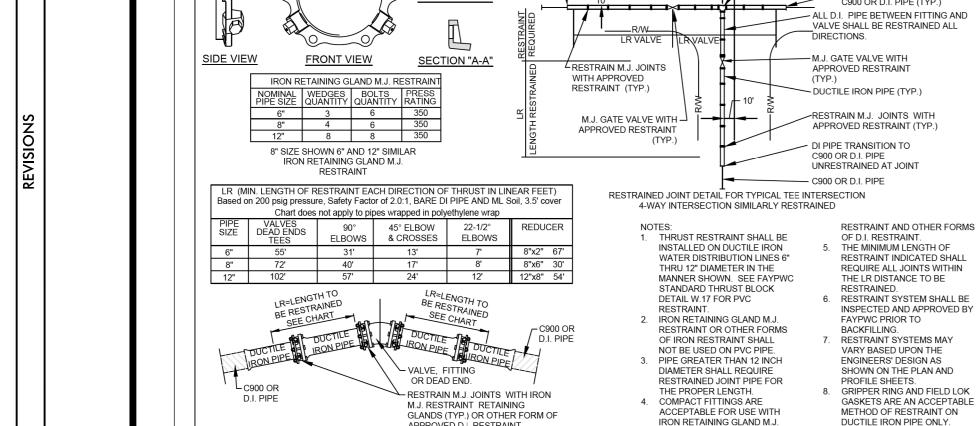
W22-WATERMAIN-KILLOUT.dwg

7 REVISED NOTES









APPROVED D.I. RESTRAINT.

DATE: JULY 01, 2024 APPROVED BY: M.M.M. ENGINEERING DEPARTMENT

FAYETTEVILLE PUBLIC WORKS COMMISSION

FAYETTEVILLE, N.C.

WATER RESOURCES

PIPING SHALL BE RESTRAINED JOINT DUCTILE

MATCH FINISHED GRADE, AND SHALL HAVE

INSTALL SOLID CONCRETE CAP BLOCKS AS

CONTINUOUS FOOTING WITH NO GAPS.

13. FAYPWC TO INSTALL METER AND FITTINGS

14. ACCESS HATCH SHALL BE 5'x4' DOUBLE DOOR

CLEAR ACCESS TO METER.

15. ACCESS HATCH SHALL BE ALUMINUM,

CENTERED ON VAULT, SO AS TO PROVIDE

MOUNTED FLUSH AND SHALL BE CAPABLE OF

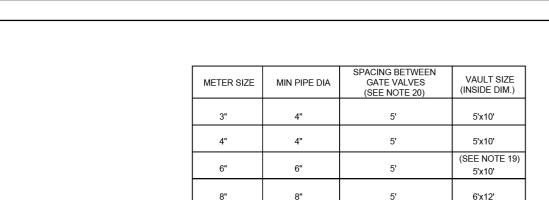
IRON FROM TAP AT MAIN TO VAULT.

10. PIPE FITTINGS INSIDE VAULT SHALL BE

11. VAULT SHALL BE SET PLUMB AND LEVEL.

POSITIVE DRAINAGE AWAY FROM IT.

SECTION "B-B"



VAULTS SHALL BE PRECAST REINFORCED CONCRETE (4, 000PSI). VAULT CONSTRUCTION SHALL BE CERTIFIED BY MANUFACTURER TO WITHSTAND LOADING DUE TO BACKFILLING, IN

DWG. NO. W.18 DWG. BY: FAYPWC

- ACCORDANCE WITH ACI 318. 2. BRICK VAULTS SHALL NOT BE ACCEPTABLE.
- 3. NO RISERS SHALL BE ALLOWED.
- 4. VAULTS SHALL HAVE INSIDE DIMENSIONS AS INDICATED ON CHART
- VAULT SHALL BE LOCATED OUTSIDE OF PAVED TRAFFIC AREAS.
- METER VAULT SHALL BE LOCATED WITHIN PUBLIC RIGHT-OF-WAY OR DEDICATED EASEMENT. IF IN EASEMENT, PROVIDE A MINIMUM 5' CLEARANCE AROUND VAULT.

CONTRACTOR SHALL PROVIDE ALL FITTINGS.

METER VAULT

DWG. NO. W.20 DWG. BY: FAYPWC

- THAN 5' FROM ANY STRUCTURE.
- PIPING, ETC. AS INDICATED. THE VAULT SHALL BE LOCATED NO CLOSER
- BEARING INCIDENTAL TRAFFIC LOADS. ALL DIMENSIONS, METER DIMENSIONS, AND PIPE OTHER HATCHES SHALL BE APPROVED BY LAYOUT WITH FAYPWC PRIOR TO ORDERING FAYPWC PRIOR TO CONSTRUCTION. BOLTS, MATERIALS. HINGES, AND HOLD OPEN ARM SHALL BE 316 STAINLESS STEEL FAYETTEVILLE PUBLIC WORKS COMMISSION NO. DATE REVISION 09/10 REVISED PIPE BURY DEPTH, NOTES FAYETTEVILLE, N.C. 11/23 CLARIFIED FOOTING REQUIREMENTS WATER RESOURCES ENGINEERING DEPARTMENT DATE: JULY 01, 2024 APPROVED BY: M.M.M.

NO. DATE

11/16/07 REVISED TABLE, ADDED NOTE 8

ACCESS HATCH SHALL LATCH AUTOMATICALLY

LOCKABLE USING A KEYED LOCKING

OPERATING KEY TO FAYPWC.

HYDRAULIC CEMENT.

TESTS (200PSI).

VAULT SHALL BE 6'x12'.

MANUFACTURER SHALL PROVIDE ONE

17. ALL LIFTING HOLES SHALL BE FILLED WITH

APPROVED BY FAYPWC PROJECT

COORDINATOR PRIOR TO BACKFILL.

20. IF USING 8" PIPING WITH A 6" METER, THE

CONTRACTOR SHALL VERIFY VAULT

18. LATERAL AND VAULT INSTALLATION SHALL BE

LATERAL AND PIPING INSIDE OF VAULT SHALL

PASS HYDROSTATIC AND STERILIZATION

UPON CLOSURE (SLAMLOCK). HATCH SHALL BE

MECHANISM INTEGRAL TO THE HATCH. HATCH

W18-RESTRAINT-DETAIL.dwg

W20-METER-VAULT.dwg

POINT OF D.I. PIPE TRANSITION TO

FOR ALL NON-FERROUS

PIPE (FROM VALVE BOX

WATER MAIN BEDDING DETAIL

DWG. NO. W.19 DWG. BY: FAYPWC

C900 OR D.I. PIPE (TYP.)